

BURGH OF FALKIRK.

REPORT
ON
THE HEALTH OF THE BURGH
FOR
YEAR 1939
BY
RONALD C. MACLEOD, M.B., Ch.B. D.P.H.
INTERIM MEDICAL OFFICER OF HEALTH.

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BURGH OF FALKIRK.

REPORT FOR YEAR 1939.

TO THE PROVOST, MAGISTRATES, AND COUNCILLORS
OF THE BURGH OF FALKIRK AND TO THE
DEPARTMENT OF HEALTH FOR SCOTLAND.

MRS. CLARKSON AND GENTLEMEN,

In accordance with the requirements of the Department of Health
and the Local Government (Scotland) Acts, as amended by D.H.S.
Circular No. 59/1940, I beg to submit the Report on the Health and
Sanitary Conditions of the Burgh for the year ended 31st December, 1939.

I am, .

Your obedient Servant,

RONALD C. MACLEOD,

M.B., Ch.B., D.P.H.,

Interim Medical Officer of Health.

INDEX.

| | |
|------------------------------------|----|
| Report..... | 3 |
| Vital Statistics..... | 4 |
| Maternity..... | 4 |
| Child Welfare..... | 6 |
| Principal Epidemic Diseases..... | 10 |
| Infectious Diseases..... | 11 |
| Tuberculosis..... | 14 |
| Burgh Fever Hospital..... | 19 |
| Blinkbonny Home..... | 21 |
| Hospital Ambulance Facilities..... | 27 |
| Provision of Insulin..... | 27 |
| Vaccination..... | 27 |
| Housing..... | 28 |
| Food Supply..... | 29 |
| Clinics..... | 31 |

REPORT.

The year, 1939, has been one of considerable stress. In spite of this however, improvements in the Burgh's Public Health Services have taken place.

The Maternity Services Scheme came into full operation in June and already encouraging results are evident. The Queen's Nurses acting as Health Visitors have been required to pay an increased number of visits to the homes containing children under five years of age. The question of increasing the present number of Health Visitors will require to be considered.

The incidence of the principal zymotic diseases namely Scarlet fever and Diphtheria has shown a very great decrease in the case of Scarlet fever. The child population has enjoyed a relative freedom from this disease. Seventy cases of Scarlet fever were reported as against one hundred and ninety-one in 1938.

The close co-operation between the Sanitary Inspector's Department, the Public Health Department, and the local Practitioners continues to exist and should increase.

VITAL STATISTICS.

| | |
|----------------------------|--------|
| Area of Burgh (Acres)..... | 4,035 |
| Population..... | 38,202 |

COMPARATIVE TABLE OF POPULATION IN WARDS.

| | <u>East Ward.</u> | <u>West Ward.</u> | <u>Middle Ward.</u> | <u>North Ward.</u> | <u>C'lonWd.</u> |
|-----------------------|-------------------|-------------------|---------------------|--------------------|-----------------|
| Acreage. | 680 | 544 | 400 | 980 | 1431 |
| Estimated population. | 6066 | 5493 | 6645 | 9334 | 9500 |
| Persons per acre. | 8.1 | 10.1 | 16.1 | 9.5 | 6.6 |

BIRTH AND DEATH RATES.

| <u>BIRTHS.</u> | <u>Birth Rate per 1000 of Population</u> | <u>DEATHS</u> | <u>Death Rate per 1000 of Population</u> |
|----------------|--|---------------|--|
| 600 | 15.7 | 429 | 11.2 |

MATERNITY.

The Maternity Services Scheme came into operation in June, 1939. An increasing number of cases have been conducted under this Scheme. Under the Act, Midwives who are incapable by reason of age, or other infirmity or giving efficient service may be pensioned off. Four Midwives who have passed the age limit have been asked to surrender their Certificates and will receive compensation. More and more Maternity work in the Burgh is being done by the Queen's Nurses and as they are a controlled and efficient body it is hoped that benefit to the community will accrue.

PRE-NATAL CONSULTATIONS.CLINIC.

1 weekly session of 2 hours.

| | |
|--|-----|
| Total number of expectant mothers attending..... | 378 |
| Total number of attendances..... | 688 |
| Total number of Mothers who received milk..... | 71 |

BIRTHS.

| | |
|---|-----|
| Total number registered..... | 905 |
| Number registered resident in Burgh..... | 600 |
| Number registered resident outwith Burgh..... | 305 |
| Number notified..... | 560 |
| Number attended by Doctors..... | 104 |
| Number attended by Midwives..... | 171 |
| Number in Hospitals and Nursing Home..... | 308 |
| Number not notified..... | 40 |
| Number of Stillbirths..... | 35 |
| Number of Premature Births..... | 18 |

CASES OF EMERGENCY.

| | |
|------------------------------|---|
| Post-partum haemorrhage..... | 1 |
| Breech..... | 1 |
| Face presentation..... | 2 |
| Ruptured perineum..... | 1 |
| Perineal tear..... | 3 |
| Premature birth..... | 1 |
| A fit..... | 1 |
| Uterine inertia..... | 3 |
| Weak labour..... | 1 |
| Kidney trouble..... | 1 |
| Occipito-posterior..... | 1 |
| Delayed labour..... | 1 |

INFANTILE MORTALITY.

| | <u>CAUSES OF DEATH.</u> | | | | | |
|------------------------|-------------------------|--------------------|----------------|-----------------|-----------------|------------------|
| | <u>Total.</u> | <u>Under 1.wk.</u> | <u>1-4wks.</u> | <u>1-3mths.</u> | <u>3-6mths.</u> | <u>6-12mths.</u> |
| Broncho pneumonia. | 6 | - | - | 1 | 4 | 1 |
| Cardiac. | 4 | 1 | - | - | 3 | - |
| Influenza. | 1 | - | - | - | - | 1 |
| Hydrops foetalis. | 1 | 1 | - | - | - | - |
| Enteritis. | 4 | - | - | - | 2 | 2 |
| Infantile convulsions. | 1 | - | - | - | 1 | - |
| Prematurity. | 10 | 10 | - | - | - | - |
| Congenital debility. | 2 | 1 | - | 1 | - | - |
| Meningitis. | 1 | - | - | - | - | 1 |
| Thrombosis. | 1 | - | - | 1 | - | - |
| Tetanus Neonatorum. | 1 | - | 1 | - | - | - |
| Bronchitis. | 2 | - | 2 | - | - | - |
| Spina bifida. | 2 | 1 | - | - | 1 | - |
| Asphyxia pallida. | 2 | 1 | - | 1 | - | - |
| Acute pneumonia. | 1 | - | - | - | - | 1 |
| Pulmonary stenosis. | 1 | 1 | - | - | - | - |
| Circulatory Diseases. | 1 | - | - | - | 1 | - |
| TOTAL. | 41 | 16 | 3 | 4 | 12 | 6 |

MATERNITY HOME.
FALKIRK & DISTRICT ROYAL INFIRMARY.
MATERNITY HOME.
BURGH OF FALKIRK PATIENTS.
 Statistics - Year 1939.

Total Admissions from Burgh..... 272

1. ANTE-NATAL CASES - 33.

Conditions found:-

| | |
|------------------------------|----|
| Hyperemesis | 3 |
| Albuminuria | 14 |
| False Labour..... | 3 |
| Ante-partum haemorrhage..... | 8 |
| Pyelitis..... | 2 |
| Hydramnios..... | 1 |
| Eclampsia..... | 1 |
| Cardiac condition..... | 1 |

Results:-

Satisfactory..... 33

| | |
|------------------|--------------|
| <u>MATERNITY</u> | <u>HOME.</u> |
|------------------|--------------|

NORMAL DELIVERIES WITHOUT COMPLICATIONS - 163
Results:-

Satisfactory..... 168

NORMAL DELIVERIES WITH COMPLICATIONS - 16
Complications found:-

| | |
|----------------------------------|---|
| Pyelitis..... | 2 |
| Cardiac Condition..... | 2 |
| Occipito Posterior Position..... | 3 |
| Twin Pregnancy..... | 4 |
| Albuminuria..... | 5 |

Results:-

Satisfactory 16

ABNORMAL DELIVERIES - 42
Conditions found:-

| | |
|---|----|
| Foetal Distress | 3 |
| Shoulder Presentation | 1 |
| Placenta Praevia | 6 |
| Contracted Pelvis..... | 2 |
| Breech Presentation..... | 14 |
| Fatigue of Patient..... | 1 |
| Occipito Posterior Position..... | 11 |
| Delayed Labour..... | 4 |
| Instrumental Delivery..... | 19 |
| Internal Version..... | 1 |
| Breech Delivery..... | 14 |
| Caesarean Section..... | 3 |
| Arrest of Haemorrhage & Surgical Induction..... | 6 |

TREATMENT:-

| | | |
|------------------|-------------------|----|
| <u>Results:-</u> | Satisfactory..... | 41 |
| | Died..... | 1 |

Cause of Death:-

Lateral Placenta Praevia. Obstetric Shock..... 1

POST-NATAL CASES - 2

Conditions found:-

| | |
|--------------------------|---|
| Born before arrival..... | 1 |
| Retained Placenta..... | 1 |

Treatment:-

| | |
|---------------------------------|---|
| Manual Removal of Placenta..... | 1 |
|---------------------------------|---|

Results:-

| | |
|-------------------|---|
| Satisfactory..... | 2 |
|-------------------|---|

NUMBER OF INFANTS - 247

| | |
|-------------------|----|
| Still Births..... | 6 |
| Macerated..... | 10 |
| Monsters | 3 |

Infantile Mortality - 9

Cause of Death:-

| | |
|-------------------------------|---|
| Prematurity..... | 4 |
| Albuminuria in Mother..... | 3 |
| Cardiac Condition..... | 1 |
| Subtentorial Haemorrhage..... | 1 |

ATTENDANCES AT ANTE-NATAL CLINIC:-

| | |
|---------------------|-----|
| Burgh Patients..... | 946 |
|---------------------|-----|

CHILD WELFARE

The disclosures following the evacuation of children from urban areas have shown that all is not well with our child population. In a recent survey a large number of evacuees were examined and roughly speaking a little more than half were found to be healthy and sufficiently clothed. Of the remainder 75 per cent had insufficient clothing, 40 per cent had dirty clothing, 8 per cent ^{were} not clean in person and one quarter were infected with septic sores and about a quarter had vermin or scabies. It is obvious from these figures that the blame for the condition of the children cannot be traced to one source alone. The unemployed man finds it impossible to provide adequately for his children but on the other hand the parent who fails to keep his ^{clean} children/ or to teach them clean habits cannot be absolved from blame. Cases of infection can be dealt with by the Public Health Department and with a view to detecting these conditions a Scheme has been drawn up and has been in operation since November, whereby an increased number of visits will be made by the Queen's Nurses.

CLINIC.Child Welfare Consultations.

Two weekly sessions of 2 hours each.

Total number of children attending:-
 (a) Infants 1910
 (b) Toddlers..... 611

LIGHT TREATMENT

Total Number of patients..... 171

Total Number of visits..... 920

CLINICAL
CHILD WELFARE CONSULTATIONS.

Summary of conditions found:- Digestive Disorders, Debility, Skin, Eyes, Decayed teeth, Chickenpox, Phimosi, Gland of neck, Urinary, Throat, Cough, Diarrhoea, Tonsils, Ears, Adenoids, Hernia, Whooping Cough, Enuresis, Scabies, Cervical adenitis, Nasal obstruction, Tongue tie, Chilblains, Umbilical hernia, Threadworms, Cardiac.

Nourishment given:- 457 Children received milk.

50 Children received trufood.

98 Mothers and children received supplies of Malt,

Virol, Roboleine, Colact, and Hemolac.

PRINCIPAL EPIDEMIC DISEASES.

Scarlet fever:- There were 70 cases of Scarlet fever notified during 1939, as compared with 191 in 1938. Of the number notified, 57 were under 15 years of age. Seventy cases were removed to Hospital. The largest number of cases occurred in January, March and September, when 18, 9 and 8 cases were notified respectively.

Diphtheria:- There were 54 cases of Diphtheria notified during 1939. This was a marked decrease from 1938, when 65 cases were notified. The largest number of cases occurred during the months of January and June. Of the cases notified, 34 were under 15 years of age. All cases were removed to Hospital.

Erysipelas:- There were 20 cases of Erysipelas notified during 1939, as compared with 34 cases in 1938. Only 11 cases were removed to Hospital. There was one case under 15 years of age.

Acute Primary Pneumonia & Influenzal Pneumonia:-

There were 55 cases notified in 1939 as compared with 15 cases notified in 1938. Of these cases, 29 were under 15 years of age. Twenty-nine were removed to the Burgh Infectious Diseases Hospital while a number were treated in the Falkirk & District Royal Infirmary.

Puerperal fever and Puerperal pyrexia:-

There were 6 cases notified during 1939. Two cases were treated in Hospital.

Cerebro-spinal fever:-

There were four notifications received of Cerebro-spinal fever. This was an increase on the figures of 1938, when three cases were notified.

PRINCIPAL EPIDEMIC DISEASES.

Measles:- There were 26 cases of Measles notified during 1939, as compared with 571 cases in 1938. Twenty-five cases were under 15 years of age.

Dysentery:- There was one case of Dysentery notified during 1939. This case was removed to Hospital.

Ophthalmia Neonatorum:- One case was notified during 1939.

DEATHS FROM PRINCIPAL EPIDEMIC DISEASES.

There were eight deaths from the Principal Epidemic Diseases during 1939. There were 6 males and 2 females. This was equal to a death rate of .10 per 1000 of the population. These included the following:-

| | <u>Males</u> | <u>Females.</u> |
|--------------------------|--------------|-----------------|
| Influenza. | 5 | 2 |
| Other Epidemic Diseases. | 1 | - |

DEATH RATES AND DEATHS IN OTHER PRINCIPAL DISEASES.

Pneumonia:- There were 19 deaths from all forms of Pneumonia during 1939, of which 12 were males and 7 females. This was equal to a death rate of 0.50 per 1000 of the population. Last year the figure was 23 deaths, equal to a death rate of 0.51 per 1000 of the population.

Other Respiratory Diseases:- Including Bronchitis, there were 25 deaths from Respiratory Diseases. There were 18 males and 7 females. This figure is more than that of last year, which was 20. The death rate for 1939 was .65 per 1000 of the population, while that for 1938 was .52 per 1000 of the population.

Cancer:- There were 107 deaths from diseases of the heart, of which 39 were males and 48 were females. Cerebral haemorrhage caused 50 deaths, 24 being males and 26 females. Deaths from other circulatory diseases numbered 12, there being 8 males and 4 females. The total number of deaths from Vascular Diseases, therefore, 169, which is equal to an annual death rate of 3.1 per 1000 of the population. The deaths from Vascular Diseases account for 24.2 per cent of the total deaths in the Burgh.

INFECTIOUS DISEASES NOTIFIED EACH MONTH

| | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Total |
|------------------------|------|------|------|-------|-----|------|------|------|-------|------|------|------|-------|
| Cerebro-spinal fever | - | - | 1 | 1 | 1 | - | 1 | - | - | - | - | - | 4 |
| Diphtheria | 8 | 3 | 6 | 1 | 4 | 7 | 4 | 5 | 5 | 5 | 4 | 2 | 54 |
| Dysentery | - | - | - | - | - | - | - | 1 | - | - | - | - | 1 |
| Erysipelas | 2 | 1 | - | 2 | 3 | - | 3 | 1 | 2 | 2 | 1 | 3 | 20 |
| Measles | - | 2 | 3 | 7 | 4 | 2 | 1 | 1 | 2 | 2 | 2 | - | 26 |
| Ophthalmia Neonatorum | - | - | - | 1 | - | - | - | - | - | - | - | - | 1 |
| Influenzal pneumonia | - | 1 | - | - | 2 | - | 1 | - | - | - | - | - | 4 |
| Primary pneumonia | 9 | 2 | 1 | 10 | 6 | 1 | 3 | 6 | 3 | 7 | 1 | 3 | 53 |
| Scarlet fever | 18 | 5 | 9 | 7 | 5 | 3 | 5 | 1 | 5 | 7 | 2 | 3 | 70 |
| Pulmonary tuberculosis | 3 | 3 | 2 | 5 | 1 | 1 | 2 | - | - | 2 | - | - | 19 |
| Other tuberculosis | 1 | - | 1 | 1 | - | 2 | 3 | 2 | - | - | 2 | 1 | 13 |
| Puerperal fever | - | - | - | - | - | 1 | 1 | - | 1 | - | 1 | - | 4 |
| Puerperal pyrexia | - | - | - | - | - | - | - | - | 1 | - | 1 | - | 2 |
| Para-typhoid fever | - | - | - | - | 1 | - | - | - | - | - | - | - | 1 |
| TOTAL | 41 | 17 | 23 | 35 | 27 | 17 | 24 | 17 | 19 | 25 | 14 | 12 | 271 |

INFECTIOUS DISEASES NOTIFIED IN WARDS

| Disease | East | West | Middle | North | Camelon. |
|----------------------------|------|------|--------|-------|----------|
| Scarlet fever | 9 | 13 | 7 | 16 | 25 |
| Diphtheria | 5 | 3 | 13 | 17 | 16 |
| Erysipelas | 2 | 1 | 3 | 7 | 7 |
| Primary Pneumonia | 8 | 3 | 6 | 18 | 17 |
| Influenzal Pneumonia | 1 | - | 1 | 2 | - |
| Puerperal fever | 2 | - | - | 1 | - |
| Puerperal pyrexia | - | - | 1 | 1 | 1 |
| Cerebro-spinal fever | 1 | 1 | 1 | 1 | - |
| Measles | 7 | 4 | 2 | 7 | 6 |
| Dysentery | - | - | - | - | 1 |
| Opthalmia Neonatorum | - | - | - | 1 | - |
| Pulmonary tuberculosis | - | 4 | 3 | 3 | 9 |
| Non-pulmonary tuberculosis | 4 | 3 | 1 | 3 | 2 |
| Para-typhoid fever | - | 1 | - | - | - |
| TOTAL | 39 | 33 | 38 | 77 | 84 |

TUBERCULOSIS.

The notifications of Tuberculosis have decreased to a slight extent during 1939, being 32 as against 34 in 1938. There were 19 notifications of Pulmonary Tuberculosis, as against 13 Non-Pulmonary. There has therefore been a decline in Pulmonary cases but no similar decline in Non-Pulmonary cases. Two cases continue to be treated in St. Andrew's Home, Millport.

I would like to emphasise the fact that small Sanatoria serving small areas are unable to supply such a wide range of treatment as the larger Sanatoria. It is becoming more and more evident that the treatment of Tuberculosis should be on a regional basis. The County, or a combination of Counties, should have one large Sanatorium which would give all types of treatment, and which would be in charge of a specialist in Tuberculosis.

OCCUPATION OF 32 CASES NOTIFIED IN 1939.

| | <u>Pulmonary</u> | <u>Non-Pulmonary.</u> |
|-----------------|------------------|-----------------------|
| Clerk. | 1 | - |
| Clerkess. | - | 1 |
| Domestic. | 1 | 1 |
| Enameller. | 4 | - |
| Engineer. | 2 | - |
| Foundry Worker. | 3 | - |
| Housewife. | 1 | 2 |
| Hairdresser. | 1 | - |
| Infant. | - | 3 |
| Labourer. | 1 | - |
| Moulder. | 1 | - |
| Plumber. | 1 | - |
| Scholar. | - | 4 |
| Steel Worker. | 1 | - |
| Unemployed. | 2 | 2 |

DISPENSARY

| | |
|---|-----|
| Number of attendances..... | 907 |
| Medical and other comforts:- | |
| Malt Emulsion etc..... | 540 |
| Milk..... | 639 |
| Milk & eggs..... | 260 |
| Prescriptions issued during 1939..... | 594 |
| Number of cases notified during 1939..... | 32 |
| Number of deaths during 1939..... | 24 |

RETURN OF CASES OF TUBERCULOSIS NOTIFIED DURING THE YEAR.

| | Number of cases notified as suffering from tuberculosis | | | | | | | | | | No. of cases notified during year in which diagnosis of tuberculosis has been confirmed | |
|-----------------------|---|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|---|----|---|----------------|
| | Age - groups | | | | | | | | | | | |
| | | | | | | | | | | | Under 15 | 15 and upwards |
| | under 5 | 5 and under 10 | 10 and under 15 | 15 and under 25 | 25 and under 35 | 35 and under 45 | 45 and under 65 | 65 and upwards | | | | |
| Pulmonary (Males) | - | - | 8 | 5 | 3 | 1 | 2 | - | 2 | 11 | | |
| (Females) | - | - | 2 | 2 | 2 | - | - | - | 2 | 4 | | |
| Non-pulmonary (Males) | - | 3 | 1 | 3 | - | - | - | - | 4 | 3 | | |
| (Females) | 2 | 2 | 1 | 1 | - | - | - | - | 5 | 1 | | |

RETURN SHOWING THE NUMBER OF CASES WHICH RECEIVED TREATMENT UNDER THE TUBERCULOSIS SCHEME IN SANATORIA OR OTHER INSTITUTIONS DURING THE YEAR

| | In institutions on January 1 | Admitted during the year | Discharged during the year | Died in the institutions | | In institutions on December 31. | |
|---------------|------------------------------|--------------------------|----------------------------|--------------------------|----|---------------------------------|----|
| | | | | | | | |
| Pulmonary | Adults (Males) | 14 | 18 | 14 | 5 | 3 | 10 |
| | (Females) | 5 | 16 | 12 | 4 | - | 5 |
| | Children (Males) | 1 | 3 | 3 | - | 1 | - |
| | (Females) | 1 | 3 | 1 | - | - | 3 |
| Non-pulmonary | Adults (Males) | 8 | 1 | 5 | 3 | - | 1 |
| | (Females) | 2 | - | 1 | 1 | - | - |
| | Children (Males) | 7 | 2 | 5 | - | - | 4 |
| | (Females) | 6 | - | 6 | - | - | - |
| TOTAL | | 44 | 43 | 47 | 13 | 4 | 23 |

Return of Number of Persons Resident in the Area at 31st December, 1939,
who were known to be suffering from Tuberculosis

| | | Number of Cases in Age-groups. | | | |
|--|----------|--------------------------------|-------------------|--------------------|--------------------|
| | | Under 5 | 5 and under 10 | 10 and under 15 | 15 and under 25 |
| PULMONARY | | | | | |
| 1. Sputum not present | (Males | - | 2 | - | - |
| | (Females | - | - | 2 | 1 |
| 2. Sputum present but not examined | (Males | - | - | - | - |
| | (Females | - | - | 1 | 2 |
| 3. Sputum examined and Tubercle Bacilli found | (Males | - | 1 | - | 7 |
| | (Females | - | - | - | 3 |
| 4. Sputum examined and Tubercle Bacilli never found | (Males | - | - | 1 | 8 |
| | (Females | - | 1 | 2 | 4 |
| TOTAL | | - | 4 | 6 | 25 |

| | | 25 and under 35 | 35 and under 45 | 45 and under 65 | 65 and upwards | Total. |
|---|----------|--------------------|--------------------|--------------------|-------------------|--------|
| PULMONARY (Contd.) | | | | | | |
| 1. Sputum not present | (Males | - | - | - | - | 2 |
| | (Females | 1 | 4 | - | - | 8 |
| 2. Sputum present but not examined | (Males | 1 | - | 4 | - | 5 |
| | (Females | - | - | 1 | - | 4 |
| 3. Sputum examined and Tubercle Bacilli found | (Males | 3 | - | 3 | - | 14 |
| | (Females | 1 | - | 1 | - | 5 |
| 4. Sputum examined and Tubercle Bacilli never found | (Males | 5 | 5 | 2 | - | 21 |
| | (Females | 1 | 1 | 2 | - | 11 |
| TOTAL | | 12 | 10 | 13 | - | 70 |

Return of Number of Persons Resident in the Area at 31st December, 1939,
who were known to be suffering from Tuberculosis

| | | | Number of Cases in Age-groups | | | |
|---|----------|--|-------------------------------|-------------------|--------------------|--------------------|
| | | | Under 5 | 5 and under 10 | 10 and under 15 | 15 and under 25 |
| NON-PULMONARY | | | | | | |
| 1. Abdominal | (Males | | 3 | 3 | 10 | 6 |
| | (Females | | 1 | 4 | 5 | 5 |
| 2. Spine | (Males | | - | 2 | - | 1 |
| | (Females | | - | - | 1 | 4 |
| 3. Bones and Joints (exclusive of spine) | (Males | | - | - | 3 | 4 |
| | (Females | | - | 1 | 1 | - |
| 4. Superficial Glands | (Males | | 1 | 1 | - | 5 |
| | (Females | | - | 1 | 2 | 5 |
| 5. Lupus | (Males | | - | - | - | 1 |
| | (Females | | - | 1 | - | - |
| 6. Other Parts or Organs | (Males | | 1 | - | - | 2 |
| | (Females | | - | - | - | - |
| TOTAL | | | 6 | 13 | 22 | 33 |

| | | | 25 and under 35 | 35 and under 45 | 45 and under 65 | 65 and upwards | Total |
|--|----------|--|--------------------|--------------------|--------------------|-------------------|-------|
| NON-PULMONARY (Contd.) | | | | | | | |
| 1. Abdominal | (Males | | - | - | 1 | - | 23 |
| | (Females | | 1 | - | - | - | 16 |
| 2. Spine | (Males | | - | - | - | - | 3 |
| | (Females | | - | 1 | - | - | 6 |
| 3. Bones and Joint (exclusive of spine) | (Males | | 3 | - | 1 | - | 11 |
| | (Females | | 1 | 3 | - | - | 6 |
| 4. Superficial Glands | (Males | | - | - | - | - | 7 |
| | (Females | | 1 | - | - | - | 9 |
| 5. Lupus | (Males | | - | - | - | - | 1 |
| | (Females | | - | - | - | - | 1 |
| 6. Other Parts or Organs | (Males | | - | - | - | - | 3 |
| | (Females | | 1 | 1 | - | - | 2 |
| TOTAL | | | 7 | 5 | 2 | - | 88 |

Return of Number of Persons who died from Tuberculosis in the Area during the year, with particulars as to the period elapsing between notification and death and between discharge from an Institution and death.

| | Pulmonary | | Non-Pulmonary | |
|--|-----------|---|---------------|---|
| | M | F | M | F |
| Number of persons who died from Tuberculosis | 13 | 5 | 1 | 5 |
| Of whom:- | | | | |
| Not notified or notified only at or after death | 1 | 3 | - | 3 |
| Notified less than 1 month before death | 8 | 2 | 1 | 2 |
| " from 1 to 3 months " " | - | - | - | - |
| " " 3 to 6 " " " | - | - | - | - |
| " " 6 to 12 " " " | - | - | - | - |
| " " 1 to 2 years " " | - | - | - | - |
| " over 2 years " " | 3 | - | - | - |
| Number who died more than 28 days after discharge from an Institution. | 1 | - | - | - |

BURGH INFECTIOUS DISEASES HOSPITAL AND SANATORIUM

REPORT FOR 1939.

Ronald C. MacLeod, M.B., Ch.B., D.P.H., Resident Medical Officer.

| | Remaining 31/12/38 | Admission | Discharge | Deaths | Remaining 31/12/39 | Days in Residence | Average |
|-------------------------------|-----------------------|-----------|-----------|--------|-----------------------|----------------------|---------|
| Scarlatina | 24 | 72 | 94 | - | 2 | 3457 | 36. |
| Diphtheria | 10 | 43 | 49 | 3 | 1 | 1807 | 34.1 |
| Primary Pneumonia | 2 | 23 | 23 | 1 | 1 | 566 | 22.6 |
| Unresolved Pneumonia | 1 | 4 | 3 | - | 2 | 168 | 33.6 |
| Influenzal Pneumonia | - | 1 | - | 1 | - | 9 | 9 |
| Bronchial Pneumonia | - | 2 | 2 | - | - | 57 | 28.5 |
| Meningitis & Pneumonia | - | 1 | 1 | - | - | 109 | 109 |
| Measles & Pneumonia | - | 2 | 2 | - | - | 85 | 42.5 |
| Puerperal Fever | - | 2 | 2 | - | - | 46 | 23 |
| Puerperal Pyrexia | - | 3 | 3 | - | - | 128 | 42.6 |
| Ophthalmia Neonatorum | - | 1 | 1 | - | - | 10 | 10 |
| Erysipelas | - | 11 | 11 | - | - | 183 | 16.6 |
| T.B. Meningitis | - | 3 | 1 | 2 | - | 37 | 9 |
| Cerebro-spinal Fever | - | 1 | 1 | - | - | 37 | 37 |
| Enteric Fever | 1 | 1 | 2 | - | - | 148 | 74 |
| Diphtheria Contacts | - | 2 | 2 | - | - | 15 | 7.5 |
| Pleurisy | 3 | 4 | 6 | - | 1 | 388 | 55.4 |
| German Measles | - | 3 | 3 | - | - | 41 | 13.6 |
| Whooping Cough | - | 1 | 1 | - | - | 38 | 38 |
| Bronchiectasis | 1 | - | 1 | - | - | 216 | 216 |
| Bronchitis | - | 1 | 1 | - | - | 99 | 99 |
| Scarlet Fever & Chickenpox | 1 | - | 1 | - | - | 45 | 45 |
| Tonsillitis | - | 8 | 8 | - | - | 104 | 13 |
| Tonsillitis & Pharyngitis | - | 1 | 1 | - | - | 26 | 26 |
| Pharyngitis | - | 1 | 1 | - | - | 10 | 10 |
| Impetigo | - | 2 | 2 | - | - | 39 | 19.5 |
| Congestion | - | 1 | 1 | - | - | 83 | 83 |
| Adenitis | - | 1 | - | - | 1 | 17 | 17 |
| Cellulitis | - | 1 | 1 | - | - | 61 | 61 |
| Marasmus | 6 | 16 | 18 | - | 4 | 2502 | 113.7 |
| Asthma | 1 | - | - | 1 | - | 18 | 18 |
| Scabies | 1 | 12 | 11 | - | 2 | 495 | 38.07 |
| Observation | - | 1 | 1 | - | - | 18 | 18 |
| Pneumococcal Conjunctivitis | - | 1 | 1 | - | - | 21 | 21 |
| Pulmonary Tuberculosis | 21 | 41 | 31 | 13 | 18 | 8064 | 130 |
| Non-pulmonary T.B. | 7 | 3 | 6 | 1 | 3 | 1130 | 113 |
| Laryngeal | 1 | - | 1 | - | - | 90 | 90 |
| TOTAL | 80 | 270 | 293 | 22 | 35 | 20357 | |

BURGH INFECTIOUS DISEASES HOSPITAL AND SANATORIUM

REPORT FOR 1939. (cont.)

The number of cases admitted to the Infectious Diseases Hospital during 1939, showed a marked decrease from that of 1938. The number was 270 as against 359.

The greatest decline was in the number admitted suffering from Scarlet fever. The figures fell from 182 to 72.

There was also a decline in Diphtheria.

In the Sanatorium there were more admissions and fewer deaths. Several patients left against Medical Advice. Too many people fail to realise that Tuberculosis is an Infectious Disease.

Routine monthly examinations were carried out and gold salts were employed. In spite of the advances in the Surgical Treatment of Tuberculosis only a very small percentage of cases can be so treated and no suitable cases were admitted during the year. Adequate rest and a properly balanced diet together with attention to general bodily health continue to be the main standby in treating this disease.

It should also be understood by laymen that Tuberculosis has certain mental effects.

BACTERIOLOGICAL EXAMINATIONS.

| | Total | Positive. | Negative. |
|-------------------------------------|-------|-----------|-----------|
| Swabs examined for B. Diphtherae. | 209 | 38 | 171 |
| Sputa examined for B. Tuberculosis. | 109 | 46 | 63 |
| Ophthalmia Neonatorum. | 1 | - | 1 |
| Gonorrhoea | 3 | - | 3 |

BLINKBONNY HOME.

I am indebted to Dr. Robert Grant for the following Report on the year's working of the Blinkbonny Home:-

82, Graham's Road,
Falkirk, 15th March, 1940.

To the Members of the Falkirk Town Council
Mrs. Clarkson and Gentlemen,

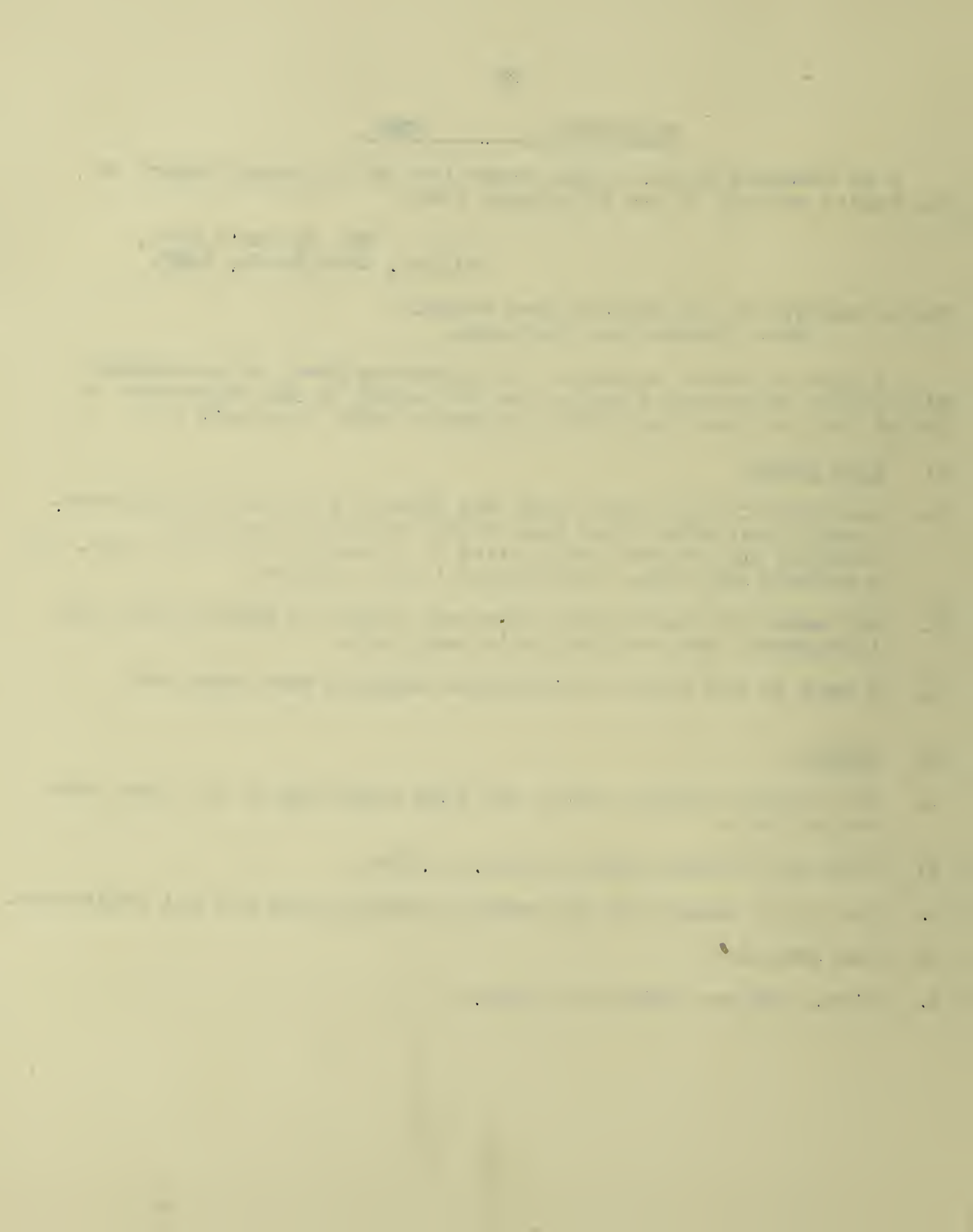
I have to submit my Report on Blinkbonny Home, in accordance with Public Assistance Circular No. 59 issued by the Department of Health for Scotland, dated 28th December, 1938. (Appendix 11)

A. Sick Wards.

1. Accommodation for acute sick and chronic sick is not allocated. A small ward with three beds is set aside for maternity purposes and another larger ward is allocated, with six cots, as a nursery bed room. This appears to be adequate.
2. All wards are heated with open coal fires and electrically lit throughout. The ventilation is very good.
3. A ward is set aside for isolation purposes when required.

B. Staff.

1. The Medical Officer visits the Home daily and at all times when called upon.
2. Jean Main Laing. Matron. S.R.N., S.C.M.
3. The other members of the present nursing staff are not registered.
4. One (Matron)
5. Five. All are assistant nurses.



C. Patients.

1. The total number of patients in sick wards at 31st December, 1939, was 74 made up as follows, viz:-

Males 52

Females 22

Children Nil.

The average number of bed patients during the year was 68.84.

The maximum number over the same period was 74.

2. No births took place within the Institution during the year.
3. The analysis in tabular form of patients admitted to the sick wards during the year is subjoined to this report.

D. Special Treatment.

1. Certified cases of tuberculosis are not usually admitted but should such develop the case is transferred to a suitable Hospital for treatment.
2. Cases of venereal disease are generally sent to Falkirk & District Royal Infirmary.
3. Cases requiring special surgical or medical treatment are transferred to Falkirk & District Royal Infirmary and no difficulty has been found in the working of this arrangement.

E. Diet.

I am satisfied that the diet is wholesome, varied, and adequate. This is borne out by the fact that complaints regarding the dietary are unknown.

F. General.

Throughout the year the nursing of the sick has been excellent and the Staff are to be complimented especially considering that there are no ward maids in the Home. The need for ward maids is clamant as their duties are presently carried out by inmates who do their best but not so efficiently as people accustomed to doing that class of work. The addition of ward maids would be particularly helpful.

The introduction of central heating throughout the Institution would go far to improve the general comfort of the patients and from a hygienic point of view the installation of this would be beneficial.

Subjoined Table referred to under heading "C". Patients, para 3.

| Patient's No. in Admission Register. | Sex. | Age. | Duration of treat- ment in Sick Wards. | Dis:- charged Home. | Trans- ferred to ordinary Wards. | Trans- ferred to an other Inst. | Still under treat- ment. Died |
|---|------|------|---|---------------------------|---|---|---|
| 955 | M | 61 | 4 days | - | | | 1 |
| 6 | M | 86 | 164 " | 1 | | | |
| 7 | M | 81 | 62 " | | | | 1 |
| 8 | M | 53 | 1 " | | | | 1 |
| 9 | M | 65 | 42 " | 1 | | | |
| 960 | F | 73 | 67 " | 1 | | | |
| 1 | M | 75 | 357 " | | | | 1 |
| 2 | M | 69 | 59 " | 1 | | | |
| 3 | F | 78 | 7 " | 1 | | | |
| 4 | F | 85 | 34 " | 1 | | | |
| 5 | M | 67 | 29 " | 1 | | | |
| 6 | M | 51 | 112 " | 1 | | | |
| 7 | M | 67 | 82 " | | | | 1 |
| 8 | M | 85 | 1 " | | | | 1 |
| 9 | F | 83 | 79 " | | | | 1 |
| 970 | M | 71 | 340 " | | | | 1 |
| 1 | M | 63 | 32 " | | | | 1 |
| 2 | F | 87 | 6 " | | | | 1 |
| 3 | M | 87 | 329 " | | | | 1 |
| 4 | M | 66 | 188 " | 1 | | | |
| 5 | M | 39 | 5 " | 1 | | | |
| 6 | M | 72 | 1 " | | | | 1 |
| 7 | M | 68 | 60 " | 1 | | | |

Subjoined Table referred to under heading "C". Patients, para 3.

| Patient's No. in Admission Register. | Sex. | Age. | Duration of treat- ment in Sick Ward. | Dis:- charged Home | Trans- ferred to ordinary Wards. | Trans- ferred to an other Inst. | Died | Still under treat- ment. |
|---|------|------|--|--------------------------|---|---|------|-----------------------------------|
| 8 | M | 76 | 14 days | | | | 1 | |
| 9 | M | 46 | 9 " | 1 | | | | |
| 980 | M | 62 | 12 " | 1 | | | | |
| 1 | M | 58 | 309 " | | | | | 1 |
| 2 | M | 54 | 154 " | | | | 1 | |
| 3 | M | 69 | 305 " | | | | | 1 |
| 4 | M | 73 | 303 " | | | | | 1 |
| 5 | M | 58 | 6 " | 1 | | | | |
| 6 | M | 74 | 7 " | | | | | 1 |
| 7 | M | 55 | 14 " | 1 | | | | |
| 8 | M | 24 | 4 " | 1 | | | | |
| 9 | M | 62 | 51 " | | | 1 | | |
| 990 | M | 59 | 22 " | 1 | | | | |
| 1 | F | 73 | 283 " | | | | | 1 |
| 2 | F | 45 | 15 " | 1 | | | | |
| 3 | M | 59 | 93 " | 1 | | | | |
| 4 | M | 66 | 275 " | | | | | 1 |
| 5 | M | 75 | 106 " | 1 | | | | |
| 6 | F | 65 | 28 " | 1 | | | | |
| 7 | M | 46 | 4 " | | | | 1 | |
| 8 | M | 51 | 34 " | 1 | | | | |
| 9 | M | 79 | 7 " | 1 | | | | |
| 1000 | M | 65 | 236 " | | | | | 1 |
| 1 | M | 35 | 12 " | | 1 | | | |
| 2 | M | 74 | 12 " | 1 | | | | |
| 3 | M | 69 | 69 " | 1 | | | | |
| 4 | M | 66 | 12 " | 1 | | | | |
| 5 | M | 76 | 10 " | | | | 1 | |
| 6 | M | 67 | 230 " | | | | | 1 |
| 7 | F | 74 | 128 " | 1 | | | | |
| 8 | M | 53 | 14 " | 1 | | | | |
| 9 | M | 71 | 223 " | | | | | 1 |
| 1010 | M | 61 | 80 " | | | | 1 | |
| 1 | M | 56 | 12 " | 1 | | | | |
| 2 | F | 58 | 22 " | | | | 1 | |
| 3 | M | 81 | 86 " | | | | 1 | |
| 4 | F | 75 | 217 " | | | | | 1 |

Subjoined Table referred to under heading "C". Patients, para 3.

| Patient's No. in Admission Register. | Sex. | Age. | Duration of treat- ment in Sick Ward. | Dis:- charged Home | Trans- ferred to ordinary Wards. | Trans- ferred to an other Inst. | Died. | Still under treat- ment. |
|---|------|------|--|--------------------------|---|---|-------|-----------------------------------|
| 1015 | M | 66 | 210 days | | | | | 1 |
| 6 | M | 72 | 33 " | 1 | | | | |
| 7 | M | 66 | 203 " | | | | | 1 |
| 8 | F | 72 | 32 " | | | | 1 | |
| 9 | M | 66 | 204 " | | | | | 1 |
| 1020 | F | 69 | 15 " | 1 | | | | |
| 1 | M | 61 | 51 " | 1 | | | | |
| 2 | M | 66 | 27 " | 1 | | | | |
| 3 | M | 70 | 2 " | | | | 1 | |
| 4 | M | 70 | 31 " | 1 | | | | |
| 5 | M | 90 | 196 " | | | | | 1 |
| 6 | M | 62 | 7 " | | | | 1 | |
| 7 | M | 53 | 39 " | 1 | | | | |
| 8 | F | 65 | 18 " | | | | 1 | |
| 9 | M | 70 | 98 " | | 1 | | | |
| 1030 | M | 59 | 185 " | | | | | 1 |
| 1 | F | 80 | 45 " | | | | 1 | |
| 2 | F | 43 | 130 " | | | 1 | | |
| 3 | F | 69 | 24 " | 1 | | | | |
| 4 | M | 70 | 132 " | | | | 1 | |
| 5 | M | 33 | 70 " | | 1 | | | |
| 6 | M | 1 | 7 " | | 1 | | | |
| 7 | M | 54 | 174 " | | | | | 1 |
| 8 | M | 71 | 30 " | 1 | | | | |
| 9 | M | 66 | 172 " | | | | | 1 |
| 1040 | M | 80 | 10 " | | | | 1 | |
| 1 | M | 58 | 11 " | 1 | | | | |
| 2 | F | 69 | 13 " | 1 | | | | |
| 3 | M | 63 | 63 " | 1 | | | | |
| 4 | F | 69 | 146 " | 1 | | | | |
| 5 | F | 70 | 144 " | | | | | 1 |
| 6 | M | 62 | 6 " | | | | 1 | |
| 7 | M | 57 | 137 " | 1 | | | | |
| 8 | F | 78 | 29 " | | | | 1 | |
| 9 | M | 64 | 23 " | | | | 1 | |
| 1050 | M | 66 | 3 " | | | | 1 | |
| 1 | M | 25 | 92 " | 1 | | | | |
| 2 | M | 55 | 62 " | 1 | | | | |

Subjoined Table referred to under heading "C". Patients, para 3.

| Patient's No. in Admission Register. | Sex. | Age. | Duration of treat- ment in Sick Ward. | Dis- charged None | Trans- ferred to ordinary Wards | Trans- ferred to an- other Inst. Died | Still under treat- ment |
|---|------|------|--|-------------------------|--|---|----------------------------------|
| 1053 | F | 42 | 122 days | | | | 1 |
| 4 | F | 32 | 26 " | 1 | | | |
| 5 | M | 70 | 30 " | | | 1 | |
| 6 | M | 59 | 113 " | | | | 1 |
| 7 | M | 86 | 18 " | | | 1 | |
| 8 | M | 56 | 24 " | 1 | | | |
| 9 | F | 85 | 108 " | | | | 1 |
| 1060 | F | 38 | 27 " | | | 1 | |
| 1 | M | 71 | 105 " | | | | 1 |
| 2 | M | 41 | 35 " | | 1 | | |
| 3 | M | 60 | 20 " | | 1 | | |
| 4 | M | 64 | 89 " | | | | 1 |
| 5 | M | 51 | 21 " | 1 | | | |
| 6 | M | 64 | 87 " | | | | 1 |
| 7 | M | 65 | 37 " | | | | 1 |
| 8 | F | 70 | 15 " | 1 | | | |
| 9 | F | 88 | 83 " | | | | 1 |
| 1070 | M | 41 | 11 " | 1 | | | |
| 1 | M | 44 | 9 " | 1 | | | |
| 2 | F | 23 | 77 " | | | | 1 |
| 3 | M | 55 | 73 " | | | | 1 |
| 4 | M | 42 | 55 " | | 1 | | |
| 5 | F | 61 | 43 " | 1 | | | |
| 6 | M | 59 | 22 " | 1 | | | |
| 7 | M | 75 | 36 " | 1 | | | |
| 8 | M | 31 | 56 " | | | | 1 |
| 9 | F | 74 | 48 " | | | | 1 |
| 1080 | M | 80 | 39 " | 1 | | | |
| 1 | F | 87 | 41 " | 1 | | | |
| 2 | M | 51 | 28 " | 1 | | | |
| 3 | M | 65 | 17 " | | | 1 | |
| 4 | M | 70 | 26 " | | | | 1 |
| 5 | M | 49 | 10 " | | 1 | | |
| 6 | F | 65 | 21 " | | | | 1 |
| 7 | F | 83 | 21 " | | | | 1 |
| 8 | M | 81 | 12 " | | | 1 | |
| 9 | M | 69 | 19 " | | | | 1 |
| 1090 | M | 63 | 14 " | | | | 1 |
| 1 | M | 66 | 8 " | 1 | | | |
| 2 | F | 86 | 11 " | | | | 1 |
| 3 | M | 72 | 6 " | | | | 1 |
| 4 | F | 85 | 2 " | | | | 1 |

HOSPITAL AND AMBULANCE FACILITIES FOR THE RESIDENTS IN THE
AUTHORITIES AREA.

The Hospital facilities available and invested in the ownership of the Falkirk Town Council include the Falkirk Infectious Diseases Hospital and Sanatorium, Blinkbonny Home, and the Blinkbonny Certified Institution.

In the Infectious Diseases Hospital there are 37 beds available for Tuberculosis, including 10 beds for the treatment of children. There is adequate accommodation for isolation purposes in a special cubicle block. There are 32 beds available for Scarlet fever. Other infectious diseases are accommodated as, and when, the necessity arises.

The Blinkbonny Certified Institution contained at the end of 1939, 48 Mental Defectives. They are nearly all Higher Grade, and many are capable of assisting in the Home.

Cases suitable for admission to the Burgh Hospital are removed in the Hospital Ambulance. For all other cases of a non-infectious nature, there is available the St. Andrew's Ambulance.

For hospitalisation of cases of Smallpox, the Town Council has a joint interest with the County Council in the Hospital at Taylorton.

Provision of Insulin:- 18,600 units were supplied to 7 necessitous cases of Diabetes (females), at the cost of £55:4:-: These were supplied in tubes of 100 and 200 units per c.c.

Vaccination (Scotland) Act, 1907:- The number of conscientious objections recorded during the year ended December, 1939, was 470.

HOUSING.

At the end of 1938 it was estimated that 500 new houses were required to meet the immediate needs of the population. During 1939 120 houses were built. It will thus be seen that the housing position is becoming increasingly serious, building is practically at a stand still owing to the lack of timber.

During the year under review a number of families have been re-housed as a result of recommendations from my Department on the grounds of ill-health, and once more I desire to thank the Housing Department for their co-operation.

FOOD SUPPLY.

I am indebted to Mr. Rae, Chief Sanitary Inspector, for the Burgh, for the following report:-

FOOD AND DRUGS (ADULTERATION) ACT, 1928.

One hundred and ten samples were purchased or procured during the year, twenty-eight formal and eighty-two informal for test purposes, under the Act. Of the formal samples one of sweet milk and four of mince were found not genuine, while five informal samples of mince were also not genuine. Proceedings were taken regarding the samples of sweet milk and the vendor pled guilty. The penalty imposed was £2. Warnings were issued in each of the other cases.

MILK.

Forty samples of milk were procured and submitted for Bacterial Examination, while eight were also tested for the the presence of Tubercle Bacilli. No adverse report was received in respect of the eight samples.

The number of registered dairies and milkshops in the Burgh is 54. Of these ten are cowkeepers. The average number of cows in the byres was 112. There are also in the Burgh, four byres exempt from registration, housing on an average six cows.

There continues to be only one farmer licensed to produce T.T. milk. The herd consists of twenty-six Friesian cows and on an average the annual production of milk from this herd is 18,000 gallons.

MEAT.

Meat inspection consists of systematic visits to the Public Slaughterhouse, to butchers and other premises where meat and foods are stored or prepared for sale, the staff being always on the alert for anything which is unfit for human consumption. The number of inspections made to the Slaughterhouse was 70 and 113 to other premises.

MEAT.

The Slaughterhouse is owned and operated by the Local Authority and the undernoted table shows the animals slaughtered and the condemnations for the year.

| Class of Animals. | Number of Animals. | | | Weight (in lbs.) of Condemned. Meat and Offals. |
|--------------------|--------------------|----------------------|--------------------------|--|
| | Slaughtered. | Wholly Condemned. | Partially. Condemned. | |
| Cattle and Calves. | 5950 | 46 | 1 | 23135 |
| Sheep. | 8465 | 15 | - | 429 |
| Pigs. | 4171 | 5 | - | 751 |

CLINICS AND LABORATORY SERVICES - (a) CLINICS.

| Location | Days and Times of Sessions | Available for | | | | Other Services |
|---|--|--------------------|--------------------|----------------------|--------------------|---|
| | | Expectant Mothers | Post-Natal cases | Pre-school children | Tuberculosis | |
| Maternity & Child Welfare Centre (Burgh Clinic) | Mondays- 2-4 (Toddlers) Tuesday- 2-4 (Infants) | | Advice & Treatment | Advice and Treatment | | Cases referred to Falkirk & District Royal Infirmary; Glasgow Sick Children's Hospital for Specialist's advice |
| Tuberculosis Dispensary (Burgh Clinic) | Fridays- 2-4 (Ante-natal) Wednesdays- 2-4 : 5-30 - 6-30 | Advice & Treatment | | | Advice & Treatment | X-ray Examinations and various Special Institutions for Treatment Ophthalmic Clinic X-ray Examinations Surgical Clinic Medical Clinic Skin Clinic Gynaecological Clinic |
| Falkirk & District Royal Infirmary (serving Falkirk Burgh and East Stirlingshire) | Monday 9 a.m. Tuesday 9.30 - 12.30 Thursday 9.30 - 12 Saturday 9.30 - 12-30 Tuesday 9 a.m. Thursday 11 a.m. Thursday 9.30 (1st and 3rd of each month Thursday 2 p.m. (2nd and 4th of each month Friday 6 p.m. Friday 9 a.m. Tuesday 6.30 - 8.30 Thursday 3 - 4 p.m. Wednesday 5 p.m. Saturday 10 a.m. | | | | | Variocose Veins Clinic Ear, Nose and Throat Clinic V.D. Clinic - Males Do. V.D. Clinic - Females Do. |

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